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Attached original documents or copy thereof.

1. Name of conveying party(ies):

PERSSON, Fredrik
HVITTFELDT, Hakan
LARSSON, Jan
MIKAELSSON, Pierre

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

2. Name and address of receiving party(ies):

Name: **ABB AB**

Address:

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ OtherExecution Date: **Nov. 2, 19, 20, 2003**City: **VASTERAS**

State/Prov.:

Country: **SWEDEN**ZIP: **SE-721 83**

Additional name(s) & address(es)

☐ Yes ☒ No

4. Application number(s) or patent numbers(s):

If this document is being filed together with a new application, the execution date of the application is:

Patent Application No.

Filing date

B. Patent No.(s)

10/700,057**4 Nov. 2003**

Additional numbers

☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: **LAWRENCE R. RADANOVIC**Registration No. **23,077**Address: **DYKEMA GOSSETT PLLC****1300 I STREET, NW****SUITE 300 WEST**City: **WASHINGTON**State/Prov.: **DC**Country: **U.S.A.**ZIP: **20005**

6. Total number of applications and patents involved:

17. Total fee (37 CFR 3.41):.....\$ **40.00**☐ Enclosed - Any excess or insufficiency should be credited or debited to deposit account☒ Authorized to be charged to deposit account

8. Deposit account number:

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9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.***LAWRENCE R. RADANOVIC**

Name of Person Signing

Signature

March 10, 2004

Date

5

Total number of pages including cover sheet, attachments, and

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PATENT**REEL: 015058 FRAME: 0831**

03/12/2004 LMEILLER 00000034 082223

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ASSIGNMENT OF PATENT APPLICATION

WHEREAS We, Fredrik PERSSON; Hakan HVITTFELDT; Jan LARSSON and Pierre MIKAELSSON, all of Sweden, have made a certain new and useful invention as set forth in an application for United States Letters Patent for an invention entitled INDUSTRIAL ROBOT, Serial No. _____, filed _____

AND WHEREAS ABB AB of SE-721 83 Västerås, SWEDEN, is desirous of acquiring the entire right, title and interest in and to said invention and in and to any and all Letters Patent of the United States which may be obtained therefor;

NOW, THEREFORE, for \$10.00 and other good and valuable consideration in hand, receipt of which is hereby acknowledged, we do hereby sell, assign, transfer and set over unto ABB AB, its legal representatives, successors, and assigns, the entire right, title and interest in and to said invention as set forth in the above-mentioned application, and in and to any and all patents of the United States which may be issued for said invention;

We request the Commissioner of Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said ABB AB, its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby;

We hereby covenant that we have full right to convey the entire interest herein assigned and have not executed, and will not execute, any agreement in conflict herewith, and we also agree to execute all papers in connection with the application and any continuing or divisional applications thereof and in connection with any interference which may be declared involving this application or any continuing or divisional application thereof;

AND we hereby grant the firm of Dykema Gossett, PLLC, the power to insert on this Assignment any further identification which may be necessary or desirable to comply with the rules of the United States Patent and Trademark Office for recordation of this Assignment.

03 11 20 Fredrik Persson

Date:

Inventor: Fredrik PERSSON

WITNESSES:

(1) [Signature]

(2) [Signature]

2003 11 20

Date:

2003 11 20

Date:

Date:

Inventor: Hakan HVITTFELDT

WITNESSES:

(1) _____

(2) _____

Date:

Date:

AND we hereby grant the firm of Dykema Gossett, PLLC, the power to insert on this Assignment any further identification which may be necessary or desirable to comply with the rules of the United States Patent and Trademark Office for recordation of this Assignment.

Date:

Inventor: Fredrik PERSSON

WITNESSES:


(1) _____

(2) _____

Date:

Date:

03/10/02
Date:


Inventor: Hakan HVITTFELDT

WITNESSES:

(1) 

(2) 

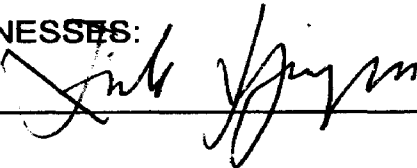
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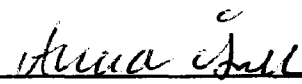
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Inventor: Jan LARSSON

WITNESSES:

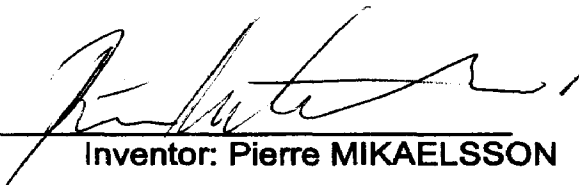
(1) 

(2) 

2003-11-19
Date:

2003-11-19
Date:

Date: 2003-11-19


Inventor: Pierre MIKAELSSON

WITNESSES:

(1) 

(2) 

2003-11-19
Date:

2003-11-19
Date: